UTILITY APPLICATION

Attorney Docket No.: SHIN1.002AUS

First Named Inventor: PARK, Jung-Keun

Title: APPARATUS AND METHOD FOR PERFORMING

CHANNEL ESTIMATIONS USING NON-LINEAR FILTER

Express Mail Label No.: EV 325 004 179 US

Direct all correspondence to Customer No.: 20995

Date: December 16, 2003

Page 1 of 1

Mail Stop Patent Application

United States Patent and Trademark Office PO Box 1450 Alexandria, VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

Inventor:

PARK, Jung-Keung

APPLICATION ELEMENTS:

- (X) Specification in 13 pages.
- (X) Drawings in 6 sheets.
- (X) Declaration and Power of Attorney by Inventor in 2 pages.
 - Originally signed

FOREIGN CONTINUITY INFORMATION:

Country	Application No.	Filing Date	Priority Claimed
Korea	2003-35580	June 3, 2003	Yes

Incorporation by Reference: The entire disclosure of the above-identified Korean patent application is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

OTHER APPLICATION PARTS:

- (X) Recordation form cover sheet and Assignment in 3 total pages (cover sheet & assignment).
- (X) Information Disclosure Statement and PTO-1449 in 2 total pages (IDS and 1449).
 - (X) 6 references
- (X) Return prepaid postcard.

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FILING FEES:

FEE CALCULATION							
FEE TYPE				_	FEE CODE	CALCULATION	TOTAL
Basic Utility					1001 (\$770)		\$770
Recordation Fee					8021 (\$40)	1 x 40 =	\$40
Excess Claims > 20	6	•	20	=	1202 (\$18)	0 x 18 =	\$0
Independent > 3	2	•	3	=	1201 (\$86)	0 x 86 =	\$0
						TOTAL FEE DUE	\$810

(X) A check in the amount of \$810 to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.

Mincheol Kim

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Knobbe Martens Olson & Bear LLP

Intellectual Property Law



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MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. :

SHIN1.002AUS

Applicant

PARK, Jung-Keun

For

APPARATUS AND METHOD FOR

PERFORMING CHANNEL ESTIMATIONS

USING NON-LINEAR FILTER

Agent

Mincheol Kim

"Express Mail"

Mailing Label No.

EV 325 004 179 US

Date of Deposit

December 16, 2003

I hereby certify that the accompanying

Transmittal letter; specification in 13 pages; 6 sheets of drawings; **SIGNED** Declaration and Power of Attorney in 2 pages; Recordation Form Cover Sheet and Assignment in 3 pages; Information Disclosure Statement, PTO Form 1449 with 6 references; Check for Filing Fees; Return Prepaid Postcard

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are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22\bar{3}13-1450.

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